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II. Of Coal-Borings, Communicated by Dr. Martin Lister, Fell. Coll. Phys. & R. S. which Role or Record he had from Mr. Maleverer, of Arncliffe in Yorkshire.

Thomas Waike bored for
Coal at Mauston near Leeds,
in the Grounds hereafter named,
May the 20th, 1639.

In the Rye-Close, or upper
Pig hill, on the East of the
way, 38 Yards, from the North
East Hedge.

In Earth 1 Yard
in yellow Clay 1 yard
in blew Ramel 1 yard
in black Slate 1 Quarter
in grey metal Stone two
yards and two quarters.
in black metal 2 quarters
in grey Stone 2 yards
in a Whinstone 1 qua.
in grey metal 2 qua.
in a Whinstone a Foot
in grey Metal a foot
in Iron-stone 6 Inches
in a Cowshot coloured
stone, with many Iron Gir-
dles in it, 9 yards 2 qua.
in black stone 2 yar. 2 qua.
in a Mous-coloured stone,
one yard.
in black Metals 1 qua.
in grey stone 2 yar. 1 qua.
in a Cowshot coloured stone
with many Iron Girdles in it,
8 yards.

in a grey metal 2 qua.
in Coal a foot
in a dark grey Stone 2 qua.
in a Whinstone a foot
in a dark grey Stone 1 yar.
in a Cowshot coloured stone
with Catheads in it, 1 yar.
in black Metal mixt with
Coal, 2 qua.
in Cowshot coloured stone,
3 yar. 2 quar.

In all 21 Fathom.

The Charge 9l. 5 s.

We Bored 140 yards West
from the former place, I sup-
pose in the Taith-Garth, a-
bout 20 yards S. W. from the
N. E. Hedge;

In yellow Clay 3 yards
in Orange coloured stone
8 yar.
in a Cowshot coloured stone
2 yar.
in black metal 2 quarters
in Cowshot coloured stone
1 yar. 1 qua.
in Coal mixt with Metal,
1 qua.
in a blew metal 2 qua.
in Coal 3 qua. 6 inc.

In a Cowshot colour'd stone
2 yards

In all 9 Fathom.

The Charge of Boarding, 2l. 1s. 3d.

We Bored in the Severals
upon the West side of the
Fish-ponds;

In yellow Clay 3 yards
in yellow stone 2 yar.
in Cowshot coloured stone
2 yar. 2 quarters,
in blew stone 5 yards
in Coal, 1 yar. 3 qua.
in grey metal 1 quarter 7
inches,

in Coal, under this Coal a
hard grey stone 1 yar.

In all

The Charge 1l. 12s. 6d.

We Bored at the West-end of
the East-hall cloſe;

in Earth 1 yard

in Coal 2 qua. and 3 inc.

We Bored 40 yar. by East
upon the dip.

in earth 2 yards, 2 quarters,
3 inches
in Coal 1 yard, 1 quarter,
5 inches.

We Bored 30 yards by
East further still upon the
Dip;

in earth 3 yards

in grey Metals 3 quarters

in Coal 1 yar. 1 quarter 5
inches

in Earth 9 Yards

In al 4 Fathom.

In all the Charge 3l. 3s. 9d.

We Bored in the West
Close adjoining to Win Moor;
in yellow Clay 3 yar.
in Orange coloured stone
10 yards
in a Whinstone 2 qua.
in an Orange coloured
stone 2 yar. 2 qua.
in a Cowshot colour'd stone
2 yar. 2 qua.

In all 9 Fathom.

The Charge 2l. 1s. 3d.

September 22. 1659

George White, and James
Stringer, Bored in the East-hall-
Close, 10 yards from the East-
Corner of Mr. Moor's broad
Ing.

In Earth.

Thence 20 yards

in Earth 1 qua.

in Coal 1 qua.

Thence again 20 yards

in earth 1 yard

in Coal 2 qua.

Thence 20 yards towards the
orth

In

In Clay 3 yards

Thence from the said Corner of the Broad Ing towards the West 50 yards, from the Ash in the South-hedge, towards the North 5 yar.

In Clay 2 yar.

in Coal 1 yar. 1 qua.

Thence towards the North 10 yards

in Clay 2 ya. 5 inc.

in Coal 1 ya. 2 qua.

Thence 10 ya. further North, in Clay 1 yard 2 qua.

in Coal 1 ya. 2 qua.

We sunk to it, and find it to dip S. W. and firm Coal. The Pit we sunk in the West Close is 17 yards deep, the Coal on the N. W. Close 2 yards thick, on the S. E. in the old Pit about twelve yards N. W. the Coal was 1 yard 2 inches thick.

Thence about 8 yards S.W. from the said Pit in the East-hall Close, about ten yards from the S. Hedge,

In Earth and Cowshot 8 yards

in Coal 1 qua.

Blew Cowshot-stone 5 yar.
good Metal for Sowing.

Thence about 50 yards from the West hedge, and 40 yar. from the South Hedge,

In Earth 3 yards

in Clay and blew Metal 4 yards

in grey stone 1 qua.

in red Stone 3 qua.

Cowshot Earth with Brak
Oar

Thence in the middle of the West end of the said Hall Cloſe, twenty yards East from the Bushy Ash in the West Hedge,

in Cowshot Earth with Iron beds, 6 yards

in Coal firm 1 yard 2 qua.

Thence West in the West-hall-cloſe, about 45 yards West from the said Bushy Ash, and 85 yards from the South Hedge.

In Cowshot Earth with ;
Iron Beds, 6 yards

in Coal 1 yar. 2 qua.

Thence 90 yards further West, about 45 yards from the South Hedge

in hard Cow-shot Earth,
with 5 iron beds 7 yar. 1 qua.
10 inc.

in Coal 1 yar. 2 quarters
6 inches

Between these two places,
about twenty yards to the N.
2 or 3 yards deep.

in 5 yards

in Coal 4 yards 1 qua.

Thence in the said West-hall Close 46 yards North,
from James Hunters and Cbr.
Ambles Hole, for they then began to bore in the said Close

in yellow Clay 2 ya.

- in Blew Clay with rotten iron stone, 1 ya. 3 qua.
in grey stone 1 qua.
in Coal rotten 1 ya. 5 inc.
So that from the little Ash in the East Hedge of the said West hall-close to the West end 20 yards; from the little Oak in the said Hedge, the Coal is about 1 yard 2 inches; about ten yards towards the North from that line, the Coal *Baffles* out, but good Coal on the South,
Thence about 40 Yards from the West Hedge of the East part of the Severals, about
From *Hunters* and *Amblers* Boring, to the North in that Close.
in Clay and sandy Earth, 1 ya. 2 qua.
in Coal 2 ya.
Thence 25 yards to the South
in Clay and yellow Sand, 2 ya. 2 qua.
in soft white Stone or Cowshot, 1 ya. 1 qua.
in Coal very firm, 1 ya. 3 quarters
Thence in the West Severals, in the first Furrow on the East of the Fish pond Close by the North Hedge, in Earth and Iron Stone, 1 ya. 2 qua.
in Coal Thence South in the same Furrow 15 ya.
in Earth and iron Stone 1 ya. 2 qua.
in Coal Thence 9 yards further South in the same Furrow, in Earth and Iron stone 1 ya. 2 qua.
in Coal Thence in the said Furrow close by the North Hedge, in Earth 1 qu.
in white Sandy stone 3 qu.
in Yellow sand stone 2 ya. 10 inc.
in Coal firm, 1 ya. 3 qua.
in hard *Spaven*, 1 ya. 5 inc.
in hard Stone Thence to the South, below the lowest of the old Pits, 10 yards, close by the great Stone, in the said West Severals,
in yellow Clay 1 ya.
in yellow sandy stone 2 yards
in Cowshot stone 3 ya.
in hard white stone 1 ya.
in Cowshot stone again, 3 ya. 3 qua.
in Coal 1 ya. 3 qua.
in grey Spaven, 1 yard 7 inches
Thence from the South East corner of the *East* Ditch of the Gate Close, for 120 yards along the said Ditch, this Coal breaks forth.

- forth one yard two quarters deep
 Thence 20 yards further N.
 in the said Ditch,
 in Earth 2 qua.
 in yellow stone or rather
 white, 4 yar. 2 qua.
 Thence in the West Severals
 again, close by the South
 Hedge, 70 yar. from the E.
 Hedge,
 in blew Clay with Iron
 stone, 4 yar. 1 qua.
 in Coal 2 qua. Mr Moore's
 out-break
 Thence in the long Close,
 part of the West-field, 40
 yards from the N.W. cor-
 ner of the gate Close,
 in Clay 1 yard
 in a finit of Coal 2 qua.
 Thence to West 15 yards,
 in Earth 3 qua.
 in Coal
 Thence 25 yar. further W.
 40 ya. from the old Pitts,
 in yellow Clay, and rotten
 iron stone, 1 ya. 3 qua.
 in Coal pipe 2 inc.
 Thence at the South end of
 the long Close by the S.
 Hedge,
 in Earth 1 yard
 in Cowshot 2 qua.
 in Coal (the out-breath of
 the Severals Coal) 1 yard 1
 quarter
 Thence in the gate Close, by
 the W. Hedge about 160
 yards from the Lane,
- in Earth 2 qua.
 in yellow stone 1 yard
 2 quarters.
-
- December 1st. 1659.*
- George White and James
 Stringer, *Bored in the East
 Cow-Pasture, by the E. Hedge,
 near the N. Corner, by the first
 Oak,*
- in Earth 2 yards 2 quarters
 in Cowshot Earth 2 ya.
 in black Metal 3 ya. 2 qu.
 in Cowshot 3 qua.
 in black Metal 1 ya.
 in grey Stone 4 inc.
- Thence in the middle Cow-
 pasture, by the E. Hedge,
 near the N. side, against the
 Maple Tree,
 in blew black Earth 2 ya.
 in Cowshot Earth with
 Cats-heads, 3 ya.
 in black Earth 1 ya.
 in Coal 1 qua.
 in Spaven 1 qua.
 in White Clay and Stone,
 2 yards.
- Thence North about twenty
 yards West from the tall
 Ash in the E. Hedge,
 in Clay mixt with rotten
 iron stone, 2 ya. 2 qua.
 in stiff brown Metal, 2 ya.
 2 qua.
 in Cowshot Earth mixt with
 black.
- Thence

- Thence in the nether end of the W. Cow-pasture, near the damm, 10 yards from it, and 30 ya. from the N. Hedge,
 in Earth and Clay 3 ya.
 Thence 4 yards to the S. 15 yards E. from the S. E. corner.
 in Earth 1 ya. 1 qua.
 in Coal 6 inches
 Thence 50 yards South, near 20 yards from Peasing Hedge, Peaseing Gap, 5 ya. South from the young Oak in the Damm,
 in yellow Clay with iron stone, 3 yards
 in Cowshot 1 yard
 in Coal 6 inc.
 in white grey stone, 1 ya.
 in black Metal, 1 qua.
 in Galliard
 Thence in the West end of the Pease Ing, 2 yards from the Ash in the middle of the West hedge, 75 ya. from
 in Earth 3 qua.
 in Cowshot 1 qua.
- in Coal (I suppose hard bond) 3 qua.
 in grey Metal, 2 yards 2 quarters
 in Coal (I suppose thin Coal) 2 quarters
 in grey Earth 4 ya.
 in Coal (I suppose Crackling) 1 qua.
 in grey Spaven, 3 qua.
 in grey stone, 1 ya. 1 qua.
 in Galliard
 Thence 18 ya. South
 in yellow Clay 2 ya.
 in Coal mixt with Earth 3 quarters.

N.B. *This was done for the Concerns of a Private Family; but because it may be of some use to the Naturalist, Dr. Lister was willing to part with it. It was twice as long again, but scarce any thing but Repetitions of the same things in Nature, and therefore he Transcribed no more; but this is as it were a Specimen.*